

1976

Industrial Resources: Madison County - Berea

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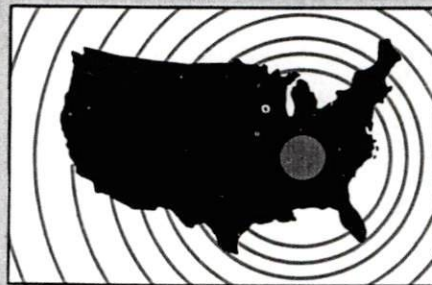
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1977 Madison County

INDUSTRIAL RESOURCES

Berea

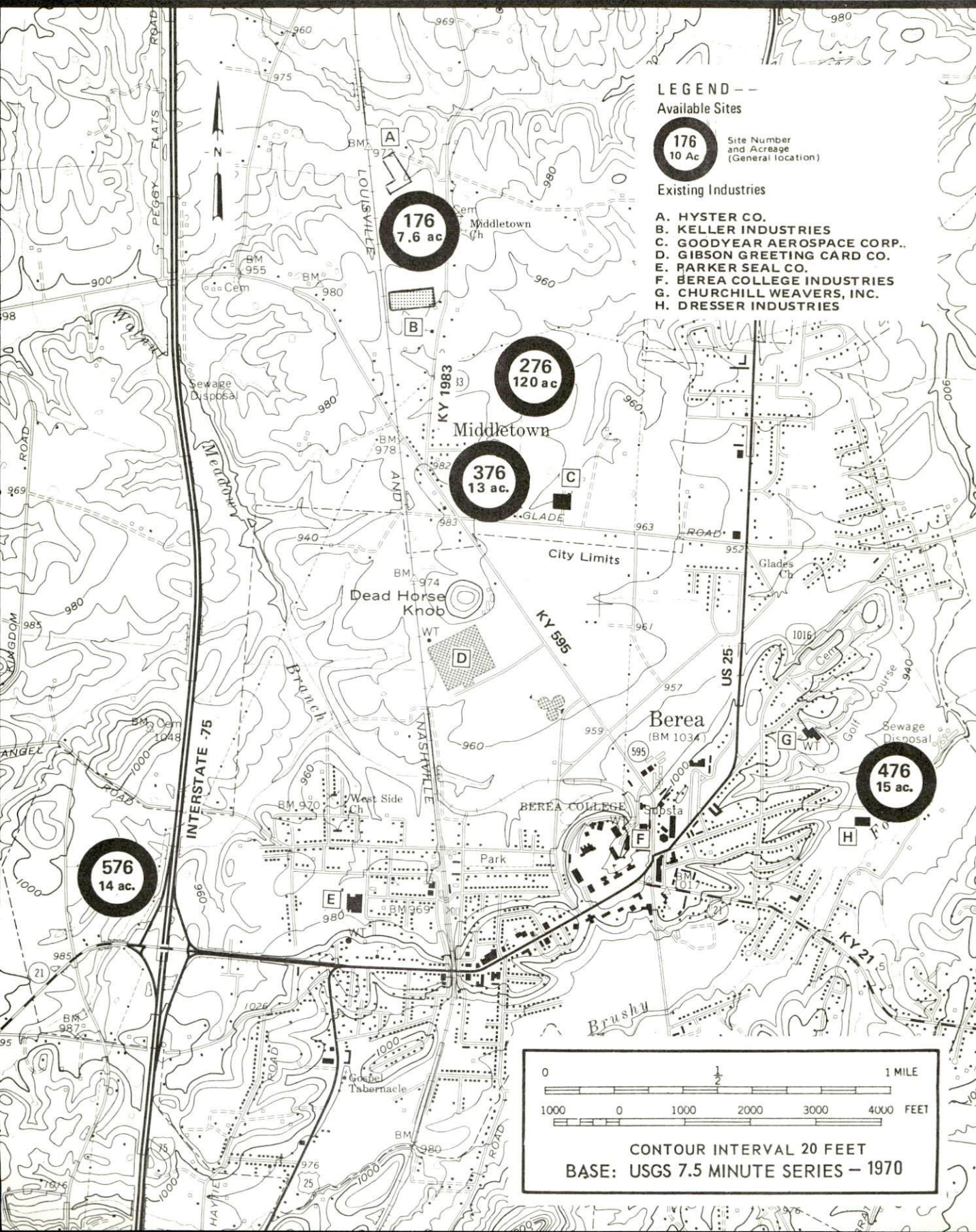
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DEPARTMENT OF COMMERCE

BEREA, KENTUCKY --- Index to Industrial Sites -- 1976

For detailed data on individual sites, contact Mr. William Finnell, P. O. Drawer D, Berea, Kentucky 40403, or the Industrial Development Division, Kentucky Department of Commerce, Capital Plaza Tower, Frankfort, Kentucky 40601.



INDUSTRIAL RESOURCES

BEREA, KENTUCKY

Prepared by
The Kentucky Department of Commerce
Division of Research and Planning
in cooperation with
The Berea Chamber of Commerce

1976

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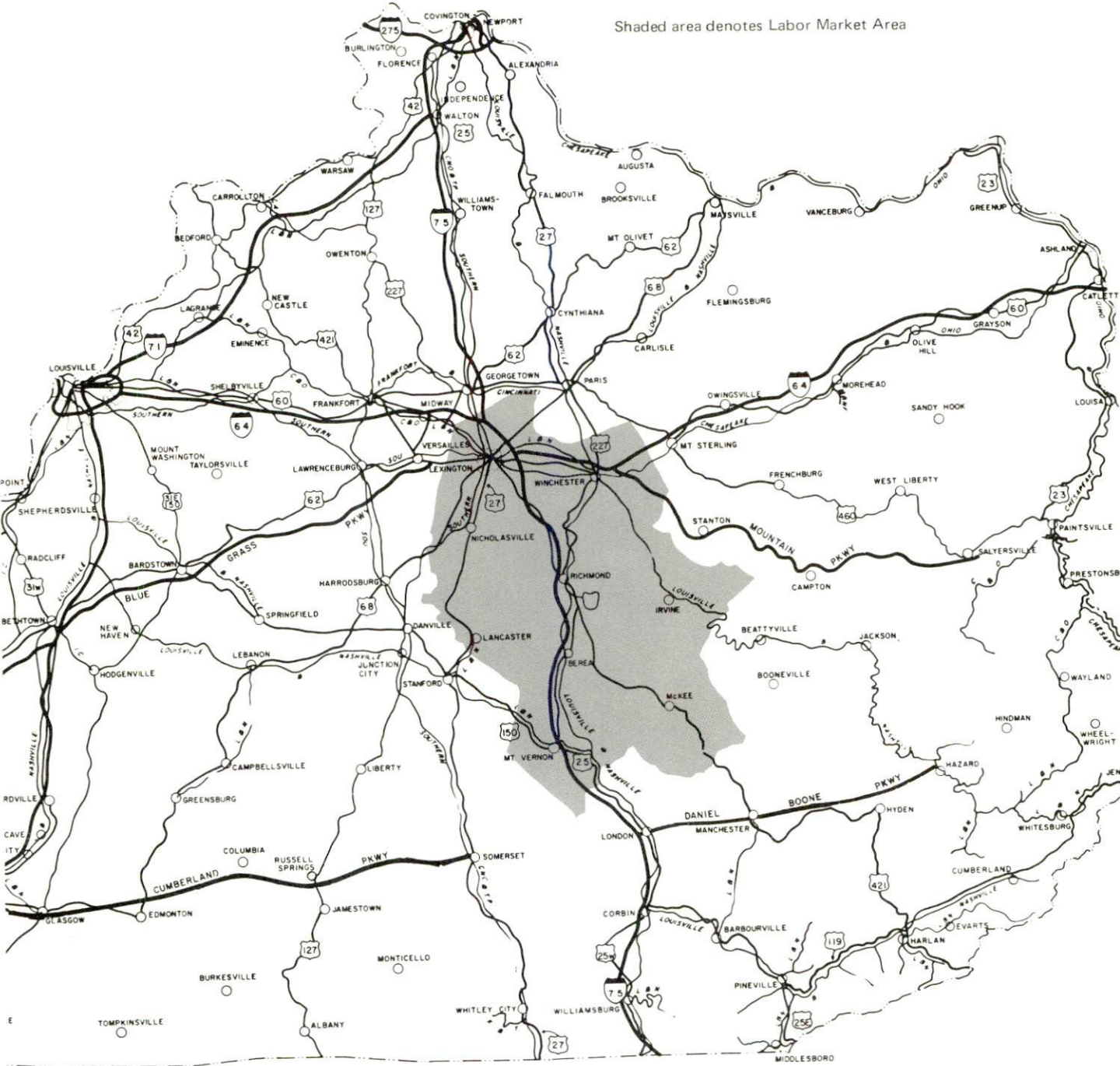
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BEREA LABOR MARKET AREA



Shaded area denotes Labor Market Area



BEREA, KENTUCKY - A RESOURCE PROFILE

Berea is located near the southern border of Madison County, which is in the southeastern part of Kentucky's Bluegrass Region. Berea is also at the edge of the Cumberland Plateau and provides the first full view of the foothills to the east. The city is 39 miles south of Lexington, Kentucky; 111 miles southeast of Louisville, Kentucky; 136 miles north of Knoxville, Tennessee; and 117 miles south of Cincinnati, Ohio. In 1973, Berea had a population of 7,071.

Madison County covers 446 square miles of territory in the Bluegrass Region of Kentucky. Madison County had a 1975 population of 47,400.

The Economic Framework

The total number of Madison County residents employed in 1974 averaged 26,405, including 1,680 in agriculture and 4,650 in government. Manufacturing employers in the county reported 4,010 workers; trade and services firms employed 6,560. Major industrial products are: miniature electric light bulbs; rubber O-rings; pressure gauges; candles; aluminum window units, patio doors, and aluminum extrusion; furniture, wooden games, and fireside brooms; metal stampings, tools, and dies; and insulated cable.

Total unemployment in Madison County averaged 2.6 percent of the labor force in 1974.

Per capita personal income in the county in 1974 was \$3,510, an increase of 40.1 percent since 1970.

The Berea labor market area includes Madison and the seven adjoining counties. The total number of residents of the labor market area employed in 1974 averaged 154,170, including 8,550 in agriculture and 34,730 in government. Manufacturing employers in the labor market area reported 28,590 workers; trade and services firms employed 54,590.

Resources for Growth

1. Labor Supply - There is a current labor supply of 11,050 men and 11,760 women available for industrial jobs in the labor market area. In addition, 14,580 young men and 13,835 young women in the area will become 18 years of age before 1982 and potentially available for work.

2. Transportation - The local transportation capability is very good. The Louisville & Nashville Railroad provides Berea with a variety of services. An interchange of Interstate 75 is located within the city limits of Berea. This major north-south highway provides Berea with easy access to Interstate 64, just 37 miles north, which is a major highway to the east and midwest. Berea is also served by U.S. Highway 25. The city is served by five truck lines. Commercial air service is available at Blue Grass Field in Lexington, 39 miles to the north. Local small craft service is provided at Lackey Airport, 5 miles north of Berea.

3. Utilities and Fuel - Electric power is supplied to the city of Berea by the Berea College Electric Utility. Madison County is served by the Kentucky Utilities Company, the Blue Grass RECC, and the Clark RECC. Natural gas service is provided by the Delta Natural Gas Company, whose source of supply is the Tennessee Gas Transmission Company. Four distributors of propane and five distributors of distillate fuel oil serve Berea.

4. Education - There are two local public school systems - the Berea Independent School District and the Madison County School System. The Berea Community School features open-space classes and an ungraded and flexibly scheduled system to meet the needs of each child.

Berea College, situated on a 160-acre campus in the center of Berea, is a four-year liberal arts institution. Founded in 1855 with an emphasis on a nonsectarian and interracial basis, Berea College seeks to provide a low-cost educational opportunity for able students, eighty percent of whom are chosen from the southern Appalachian region. The college is tuition-free and a labor program in which all students work at least ten hours a week enables them to earn money to assist in the payment of their term bills. The Fall, 1975, enrollment was 1,504.

In addition to Berea College, there are three universities, two senior colleges, two junior colleges, a community college and technical institute within a 50-mile radius of Berea. Eastern Kentucky University is only 12 miles away at Richmond.

Vocational education facilities are available at the Central Kentucky State Vocational-Technical School in Lexington which offers 16 course areas and at the Madison County Area Education Center in Richmond which offers 5 course areas.

THE LABOR MARKET AREA

POPULATION

Area	1975*	1970	Percent Nonwhite
			1970
Berea	7,071**	6,956	2.9
Labor Market Area	332,200	303,092	N.A.
Madison County	47,400	42,730	6.8
Clark County	26,400	24,090	7.7
Estill County	13,300	12,752	0.3
Fayette County	189,700	174,323	12.7
Garrard County	10,000	9,457	7.6
Jackson County	10,500	10,005	0.2
Jessamine County	22,100	17,430	6.8
Rockcastle County	12,800	12,305	0.1

*Provisional Estimates.

**1973 Population Estimates.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Population, 1970. U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 562, June 1975; Series P-26, No. 75-17, May 1976.

GENERAL EMPLOYMENT CHARACTERISTICS, 1974

Major Employment Group	Employment by Place of Residence of Workers	
	Madison County	Labor Market Area
Total Employment	26,405	154,166
Agriculture	1,679	8,548
Government	4,652	34,727
	Employment by Location of Jobs	
	Madison County	Labor Market Area
Manufacturing	4,008	28,587
Trade and Services	6,564	54,592

Source: Kentucky Department for Human Resources, Bureau for Administration and Operations.

MANUFACTURING EMPLOYMENT BY INDUSTRY
MARCH, 1975

<u>Industry</u>	<u>Madison County</u>	<u>Labor Market Area</u>
TOTAL	3,397	25,897
Food & Kindred Products	120	1,200
Tobacco	0	1,567
Apparel, Textiles, Leather	34	2,056
Lumber, Furniture	0	730
Printing & Publishing, Paper	47	1,637
Chemicals, Petroleum & Coal,		
Rubber	215	632
Stone, Clay & Glass	594	1,348
Primary Metals	271	685
Machinery, Metal Products,		
Equipment	1,515	14,838
Other	601	1,204

Source: Kentucky Department for Human Resources, Number of Workers in Manufacturing Industries Covered by Kentucky Unemployment Insurance Law Classified by Industry and County, March, 1975.

BEREA MANUFACTURING FIRMS,
THEIR PRODUCTS AND EMPLOYMENT

<u>Firm (Establishment date)</u>	<u>Product</u>	<u>Employment</u>			<u>Organized</u>
		<u>Total</u>	<u>Male</u>	<u>Female</u>	
Berea College Industries (1855)	Furniture, woodengames, fireside brooms	225	108	117	
Berea Publishing Company (1904)	Newspaper	8	4	4	
Churchill Weavers, Inc. (1922)	Shawls, baby blankets, afghans, ties	51	7	44	
Dresser Industries (1960)	Pressure gauges	320	64	256	*
Gibson Greeting Card Company (1967)	Candles	300	140	160	
Goodyear Aerospace Corporation (1972)	Industrialbrakes, linings	115	92	23	
Hyster Company (1973)	Industrial lift trucks & chassis	180	160	20	

(Contd.)

<u>Firm</u> (Establishment date)	<u>Product</u>	<u>Employment</u>			<u>Organized</u>
		<u>Total</u>	<u>Male</u>	<u>Female</u>	
Keller Industries, Inc. (1972)	Aluminum window units, patio doors, aluminum extrusion	257	170	87	*
Parker Seal Company (1951)	Rubber O- rings	526	193	333	*
Wyatt Supply, Inc. (1947)	Concrete block	6	5	1	

*See Labor Organizations below.

Source: Kentucky Department of Commerce, Division of Research and Planning.

LABOR ORGANIZATIONS

<u>Union</u>	<u>Representing manufacturing workers at:</u>
International Union of Allied Industrial Workers of America, AFL-CIO	Dresser Industries
United Steelworkers of America	Keller Industries, Inc.
International Brotherhood of Firemen and Oilers	Parker Seal Company

ESTIMATED MALE LABOR SUPPLY
BEREA LABOR MARKET AREA

Area	Current			Future	
	Total	Not in Labor Force	Unemployed	Under-employed	Reaching 18 yrs. of age before 1982
Labor Market					
Area	11,050	270	3,140	7,640	14,584
Madison	2,270	0	420	1,850	1,821
Clark	570	0	190	380	1,268
Estill	450	0	190	260	666
Fayette	5,760	0	1,640	4,120	8,258
Garrard	560	270	130	160	475
Jackson	340	0	190	150	545
Jessamine	690	0	170	520	881
Rockcastle	410	0	210	200	670

Sources: Kentucky Department for Human Resources, Kentucky Labor Supply Estimates by County, 1975. Kentucky Department of Commerce, Future Labor Supply before 1982.

ESTIMATED FEMALE LABOR SUPPLY
BEREA LABOR MARKET AREA

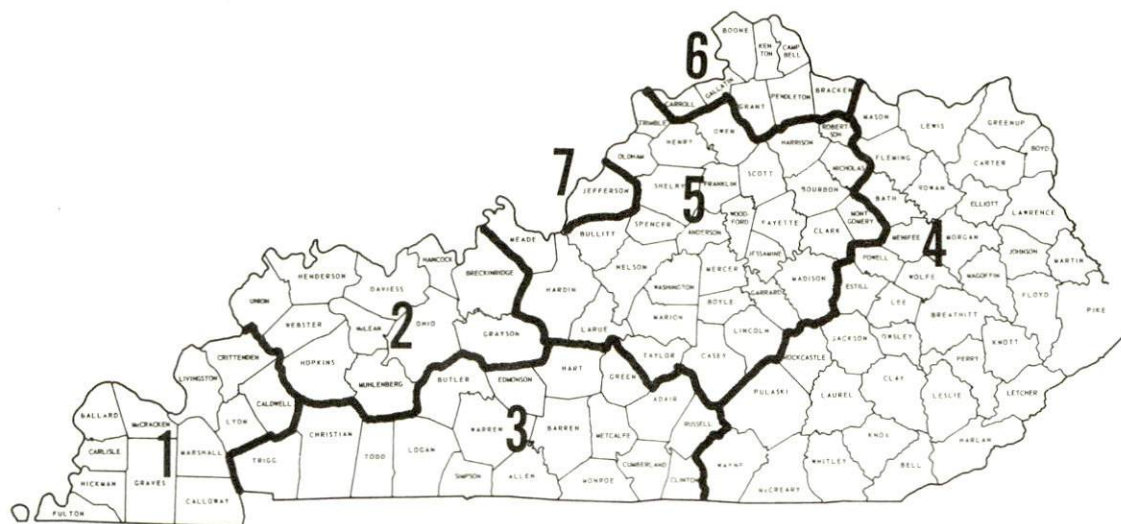
Area	Current			Future	
	Total	Not in Labor Force	Unemployed	Under-employed	Reaching 18 yrs. of age before 1982
Labor Market					
Area	11,760	1,560	1,550	8,650	13,835
Madison	2,070	0	280	1,790	1,727
Clark	1,110	340	130	640	1,142
Estill	540	170	130	240	623
Fayette	5,550	0	710	4,840	7,939
Garrard	630	380	80	170	439
Jackson	630	410	70	150	523
Jessamine	710	0	70	640	827
Rockcastle	520	260	80	180	615

Sources: Kentucky Department for Human Resources, Kentucky Labor Supply Estimates by County, 1975. Kentucky Department of Commerce, Future Labor Supply before 1982.

WAGES

Occupational wage rates for specific industries are usually not available to most government agencies, and wage data furnished to state employment agencies by individual industrial employers is protected from disclosure by federal law. The most reliable up-to-date wage information can be obtained by direct contact with local employers.

Associated Industries of Kentucky, a voluntary organization of Kentucky businesses, regularly collects occupational wage rates and fringe benefits data from participating member firms. Data is compiled for over 127 clearly defined office, production, and service occupations. Tabulations are published for seven regions of Kentucky, as shown on the map below. It should be noted that the data may be weighted by the preponderance of firms in the larger cities and may be somewhat higher than the rates paid in the smaller communities. Data from these tabulations are available, upon request, from the Kentucky Department of Commerce, Frankfort, Kentucky 40601.



Associated Industries of Kentucky Area Wage Surveys

PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1974</u>	<u>1970</u>	<u>Percent Change</u>
Madison County	\$3,510	\$2,505	40.1
Labor Market Area			
Range	\$2,586 - 5,348	\$1,548 - 3,844	N.A.
Kentucky	4,442	3,112	42.7
U.S.	5,448	3,966	37.4

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Survey of Current Business, August 1975. U.S. Department of Commerce, Bureau of Economic Analysis, March 1976.

TRANSPORTATION

Rail

Line serving Berea - Louisville & Nashville Railroad

Services - Richmond switcher in turn around service switches Berea about 3 times per week; 10 northbound and 10 southbound through freights daily; switching facilities; team track with space for 4 cars; siding space for 30 cars; nearest piggyback facilities at Richmond, 12 miles to the north

For details on routing, schedules, rates, and services, contact:

Manager of Industrial Development
Louisville & Nashville Railroad Company
908 West Broadway
Louisville, Kentucky 40203
(502) 587-5000

Highways

Berea is served by U.S. Highway 25 and Kentucky Highways 21, 595, and 1016. An interchange of north-south Interstate 75 is located within the city limits of Berea.

Truck Service

<u>Company</u>	<u>Home Office</u>
Bronaugh Motor Express, Inc.	1025 Nandino Boulevard Lexington, Kentucky 40511
Cooper-Jarrett, Inc.	23 South Essex Avenue Orange, New Jersey 07050
McLean Trucking Company	P.O. Box 213 Winston-Salem, North Carolina 27102
Overnight Transportation Company	1100 Commerce Road Richmond, Virginia 23209
Wilson Freight Company	3636 Follett Avenue Cincinnati, Ohio 45223

Other Freight Services

United Parcel Service*

Nearest Shipping Centers

Danville, 34 miles west;
Lexington, 39 miles north

HIGHWAY MILES AND TRUCK TRANSIT TIME IN DAYS FROM
BEREA, KENTUCKY TO SELECTED MARKET CENTERS

City	Highway Miles	Delivery		City	Highway Miles	Delivery	
		Time	TL			Time	TL
Atlanta, Ga.	329	1-2		Los Angeles, Calif.	2,219	4	
Birmingham, Ala.	390	1-2		Louisville, Ky.	111	1	
Chicago, Ill.	391	1		Nashville, Tenn.	249	1	
Cincinnati, Ohio	117	1		New Orleans, La.	635	2	
Cleveland, Ohio	356	1		New York, N. Y.	742	2-3	
Detroit, Mich.	376	1		Pittsburgh, Pa.	382	2	
Knoxville, Tenn.	136	1		St. Louis, Mo.	374	1	

Source: Delivery Time Only - Bronaugh Motor Express, Inc., 1025
Nandino Boulevard, Lexington, Kentucky 40511

*For regular scheduled pickups or for occasional pickups, arrangements must be made with the Louisville office of U. P. S.

Air

	<u>Local</u>	<u>Nearest Commercial</u>
	Lackey Airport	Blue Grass Field
Location:	5 miles north of Berea	Lexington, 39 miles north of Berea
Runways:	1 turf	2 paved
Length:	2,450 feet	6,500 feet, 3,500 feet
Traffic		
Control:	Wind sock and wind tee	Tower; guards; radar services - arrival / departure, Stage II contact approach control, ground control; automatic terminal information services
Lighting:	None	Approach lighting system, beacon, runways and obstructions lighted
Services:	Tie down	Delta Eastern, Piedmont, and Allegheny Airlines; fuel-24-hour service, 100, 145, and jet fuel; repair service - major A & E repairs, certified avionics repair station; National Weather Service; flight instructions; charter service; storage; restaurant; taxi, limousine, and car rentals
Air Freight		
Service:		Freight accepted on a space available basis

Bus - Greyhound Bus Lines

Taxi - 24-hour, radio dispatched service

Rental Services - Car, truck, and trailer rentals are available at Richmond, 12 miles distant

POWER AND FUEL

Electricity

Company serving Berea - Berea College Electric Utility

Source of power - Kentucky Utilities Company

Total generating capacity - 1,615,500 KW

For industrial rates contact:

Berea College Electric Utility

CPO 2337

Berea, Kentucky 40404

(606) 986-3451

Company serving Madison County - Blue Grass RECC; Clark RECC

Source of power - East Kentucky Power Cooperative

Total generating capacity - 496,000 KW

For industrial rates contact:

Industrial Development Division

East Kentucky Power Cooperative

P.O. Box 707

Winchester, Kentucky 40391

(606) 744-4812

and or

Blue Grass RECC

P.O. Box 188

Nicholasville, Kentucky 40356

(606) 885-4191

and or

Clark RECC

P.O. Box 748, Route 15

Winchester, Kentucky 40391

(606) 774-4251

Company serving Madison County - Kentucky Utilities Company
Source of power - Kentucky Utilities Company
Total generating capacity - 1,615,500 KW
For industrial rates contact:

Industrial Development Department
Kentucky Utilities Company
120 South Limestone Street
Lexington, Kentucky 40507
(606) 255-1461

Natural Gas

Company serving Berea - Delta Natural Gas Company, Inc.
Source of supply - Tennessee Gas Transmission Company
Size of transmission mains - 24 and 30 inches (supplier);
4 and 6 inches (distributor)
Distribution mains - 4, 3, and 2 inches
Distribution pressure - 10 to 75 psi
Btu content - 1,040 per cubic foot; Specific gravity - .60
For rates and supplies contact:

Delta Natural Gas Company, Inc.
Box 190
Berea, Kentucky 40403
(606) 986-4291

Other Fuels

Propane and butane

Crawford Gas and Appliances, Big Hill Avenue, Richmond
Million Appliance Company, South 3rd Street, Richmond
Southern States Cooperative, Inc., Irvine Road, Richmond
Williams Energy Company (Doxol Propane), Edwards Avenue, Richmond

Fuel oils

Distillate fuel oil -

Gulf Oil Company - US, 305 Jefferson Street, Berea
Ashland Petroleum Company (bulk plant), South Estill Avenue, Richmond
Jenkins Red Hed, Inc., Big Hill Road, Richmond
Standard Oil Company (bulk plant), Boggs Lane, Richmond
Congleton's Sunoco, Moberly Street, Waco

Residual fuel oil - Arrangements must be made with the refinery.

Low sulphur content coal - Available in Kentucky.

WATER AND SEWERAGE

Water

Company serving Berea - Berea College Water Utility*

CPO 2337

Berea, Kentucky 40404

(606) 986-3451

Source - Four reservoirs in Berea College Forest (totaling 192.4 acres)

Treatment plant capacity - 3,020,000 gpd

Average daily consumption - 1,090,000 gallons

Peak daily consumption - 1,530,000 gallons

Type treatment - Micro-flock clarifiers, sand-anthracite filters

Storage capacity - 1,045,000 gallons

Size lines - 2, 4, 6, 8, 10, and 12 inches

Average pressure - 70 psi

Average temperature - 50 degrees F.

MONTHLY WATER RATES FOR WHOLESALE AND INDUSTRIAL CONSUMERS

First	200 cubic feet	\$3.25 (Minimum)
Next	1,800 cubic feet	1.45 per 100 cubic feet
Next	3,000 cubic feet	1.30 per 100 cubic feet
Next	5,000 cubic feet	1.15 per 100 cubic feet
Next	5,000 cubic feet	.95 per 100 cubic feet
All over	15,000 cubic feet	.75 per 100 cubic feet

Tap-on charge: None

*Smaller mains are being upgraded to improve fire protection service.

ANNUAL RENTAL FOR FIRE PROTECTION: In cases where the Utility is required to provide water services to industrial plants and other large facilities which require considerably larger diameter water lines, fire hydrants and other facilities, the expenses for which cannot be recovered through the prescribed rates and charges because there is normally no usage of water except in the event of fire at which time the water is not metered, such unusual costly facilities are paid for by the industrial plant or other larger consumer. The usual stand-by rates charged for this service are as follows:

Lines 6" in diameter or under	\$25.00
Lines 8" in diameter	\$35.00
Lines 10" in diameter	\$45.00
Lines 12" in diameter	\$55.00
Lines 14" in diameter	\$65.00
 Fire Hydrants	 \$75.00 ea. per year

PUBLIC AND PRIVATE FIRE HYDRANT RENTAL:

Fire Hydrants	\$75.00 ea. per year
---------------	----------------------

Name of water district - Southern Madison Water District*
P.O. Box 168
Berea, Kentucky 40403
(606) 986-9031

Area served - Southern Madison County

Date when water district began operating - 1969

Source of supply of treated water - Berea College Water Utility

Average amount of water used in a 24-hour period - 139,000 gallons

Peak amount of water used in a 24-hour period - 148,000 gallons

Storage capacity - None

Average pressure - 60 psi

Average temperature - 58 degrees F.

Size lines - 2, 4, 6, and 8 inches

Rates -	First	2,000 gallons	\$6.65 (Minimum)
	Next	1,000 gallons	3.25 per M gallons
	Next	3,000 gallons	2.90 per M gallons
	Next	4,000 gallons	2.00 per M gallons
	Next	15,000 gallons	1.75 per M gallons
	Next	25,000 gallons	1.50 per M gallons
	All over	50,000 gallons	1.00 per M gallons

Tap-on charge: 5/8-inch meter - \$200
Over 5/8-inch meter -
Cost of meter and installation

*The water district is installing 8,000 feet of 4-inch water line.

Surface water sources - Kentucky River and Silver Creek
Average discharge - Kentucky River at Lock 10, near Winchester,
Kentucky - 5,279 cfs (68 years, USGS); Silver Creek near Kingston,
Kentucky - 42.4 cfs (8 years, USGS)
Expected ground water yield - 50 to 200 gpm along Kentucky River;
5 to 50 gpm in south central portion of county; 5 gpm or less in
remainder of county

Sewerage

Company serving Berea - City of Berea Sewer Commission*
P.O. Box 405
Berea, Kentucky 40403
(606) 986-4391

Design capacity - Plant #1 - 1,000,000 gpd; Plant #2 - 500,000 gpd
Average daily flow - Plant #1 - 750,000 gallons; Plant #2 - 250,000 gallons
Treatment - Primary and secondary
Type treatment - Plant #1 - Trickling filter, digesters, drying beds;
Plant #2 - Extended aeration
Treated effluent discharged into - Plant #1 - Silver Creek; Plant #2 -
Walnut Meadow Creek
Size of sanitary mains - 8 to 14 inches; Size of storm mains - 18 to 36
inches

MONTHLY SEWER RATES

Users of less than 200,000 cubic feet

First	200 cubic feet	\$2.50 (Minimum)
All over	200 cubic feet	.53 per 100 cubic feet

Users of 200,000 cubic feet or more

First	200 cubic feet	\$250.00
All over	200 cubic feet	.53 per 100 cubic feet

Tap-on charge - \$275, for which the Sewer
Commission will make the tap-on and will
extend 25 feet of line or to the property line.
The balance of the cost is at the owner's
expense.

*An inflow-infiltration study of the sewerage system is being conducted as
part of the 201 Facilities Plan. Equipment has been ordered for the
expansion of a main pump station.

CLIMATE

Madison County

Temperature

Annual mean (30-year record)	55.2 degrees
Average annual 1975	55.9 degrees
Record highest, July, 1966 (12-year record)	98.0 degrees
Record lowest, January, 1972 (12-year record)	-11.0 degrees
Normal heating degree days (30-year record)	4,729
(Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F.)	

Precipitation

Mean annual total (30-year record)	44.49 inches
Mean annual snowfall (30-year record)	15.6 inches
Total precipitation 1975	59.11 inches
Mean number days precipitation (.01 inch or more) (31-year record)	131
Average number days thunderstorms (31-year record)	47

Prevailing Winds (17-year record) South

Relative Humidity

1 a.m.	76 percent(11-year record)
7 a.m.	87 percent(12-year record)
1 p.m.	59 percent(12-year record)
7 p.m.	64 percent(12-year record)

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1975. Station of record: Lexington, Kentucky.

LOCAL GOVERNMENT

City

Structure - Mayor - 4-year term; 8 councilmen - 2-year terms
Budget 1976 - General Fund \$701,335
Sewer Fund 398,355 (1975)
Fees and licenses - 1 1/2 percent occupational license fee on wages and net profits; regulatory licenses - minimum fees range from \$25 to \$250 per year

County

Structure - County Judge - 4-year term; 4 magistrates - 4-year terms
Budget 1975-76 - General Fund \$410,624; Road Fund \$174,340

Assessed Value of Property, 1975

<u>Classes of Property</u>	<u>Berea</u>	<u>Madison County</u>
Real Estate	\$35,851,798	\$247,299,228
Tangibles	14,409,221	56,160,505

Property Taxes

Land and buildings are taxed by the state and may be taxed by local jurisdictions. The state rate is \$0.015 per \$100 of assessed valuation.

Tangible personal property owned by manufacturers (automobiles, trucks, finished goods, office furniture, office equipment) is taxed by the state at \$0.15 per \$100 and may be taxed by local jurisdictions.

Manufacturing machinery, raw materials inventories, pollution control equipment, and goods in process inventories, are not subject to local taxation. The state rate is \$0.15 per \$100.

Property stored in public warehouses in a transit status is not subject to local taxation. The state rate is only \$0.015 per \$100.

All property is assessed at 100 percent of fair cash value.

Local Property Tax Rate Per \$100 of Assessed Valuation, 1975*

<u>Taxing Jurisdiction</u>	<u>Berea</u>	<u>Madison County</u>
County	\$.163	\$.163
School	.865	.407
City	.050	

Special (not county wide): Red Lick Watershed
(Real Estate Only) \$.500

Planning and Zoning

City agency - Berea Planning Commission
Zoning enforced - In city of Berea only
Subdivision regulations enforced - In city of Berea and 3 miles beyond city limits
Local codes enforced - Building and housing
Mandatory state codes enforced - Plumbing, National Fire Protection Association Code, National Building Code (for major buildings and residential construction containing more than 12 bedrooms per building)

Safety

<u>Police</u>	<u>Berea</u>	<u>Madison County</u>
Total staff	17	6
Radio-patrol cars	3	4

Fire

American Insurance Association Fire Rating	6	
Full-time staff	11	14
Volunteers	27	17

Rescue Service

Berea Volunteer Fire Rescue Squad:
Number of volunteers - 27
Equipment - 2 fully equipped rescue trucks
Personnel training - Auto rescue, metal cutting, first aid, 2 certified Emergency Medical Technicians

*Kentucky Department of Revenue, Kentucky Property Tax Rates, 1975.

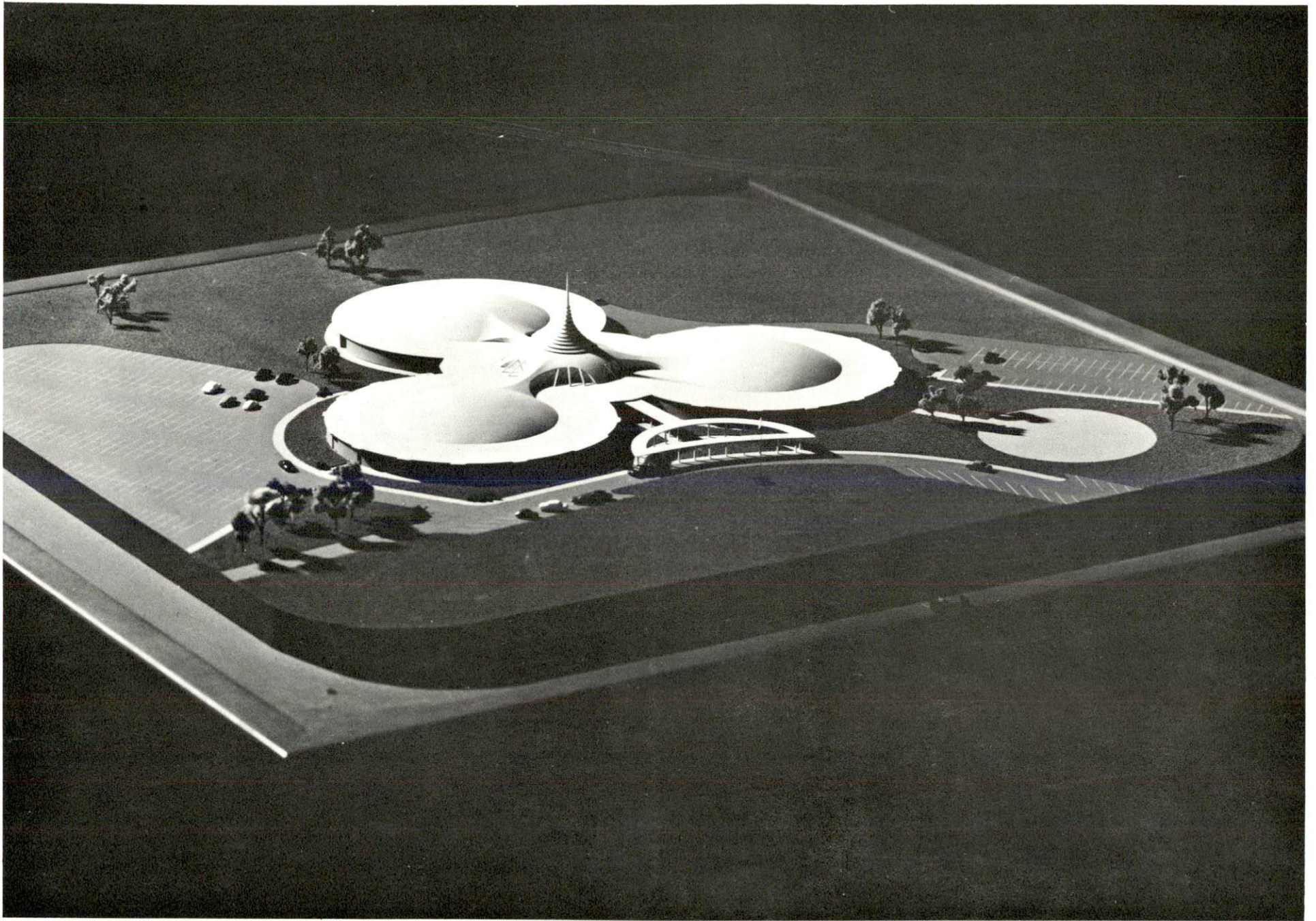
Solid Waste

Berea*

Type service	Municipal
Fee charged:	
residential	\$2.50 per month per unit
business	By volume
industrial	By volume
Collection frequency:	
residential	Weekly
business	As needed
industrial	Daily
Trash pickup	As needed
Disposal method	Sanitary landfill

Madison County provides a free solid waste collection service to residents of the county. Refuse may be disposed of at collection points which are located throughout the county. The county provides pickup service at these points with disposal at the Richmond landfill.

*The city of Berea provides solid waste disposal services to all industries located within the city limits.



MODEL OF THE BEREA COMMUNITY SCHOOL

EDUCATION

Public Schools

	<u>Berea Independent</u>	<u>Madison County</u>
Total Enrollment*	1,032**	5,403
Elementary	496	3,928
High School	536	1,475
Student-Teacher Ratio	16-1	22-1
Elementary	15-1	22-1
High School	16-1	24-1
Accreditation	Southern Association of Colleges and Schools	
Percent High School Graduates to College	58.3	55.4
Expenditures Per Pupil (1974-75)	\$705.35	\$612.60
Bonded Indebtedness, June 30, 1975	\$1,845,000	\$3,433,000

Nonpublic Schools

	<u>Model Laboratory***</u>	<u>Christian Schools</u>	<u>St. Mark</u>
Total Enrollment	754	60	97
Elementary	514	60	97
High School	240		
Student-Teacher Ratio	23-1	20-1	24-1
Elementary	26-1	20-1	24-1
High School	18-1		

*The Berea Independent School System enrollment is for June, 1976; the Madison County School System enrollment is for Fall, 1975.

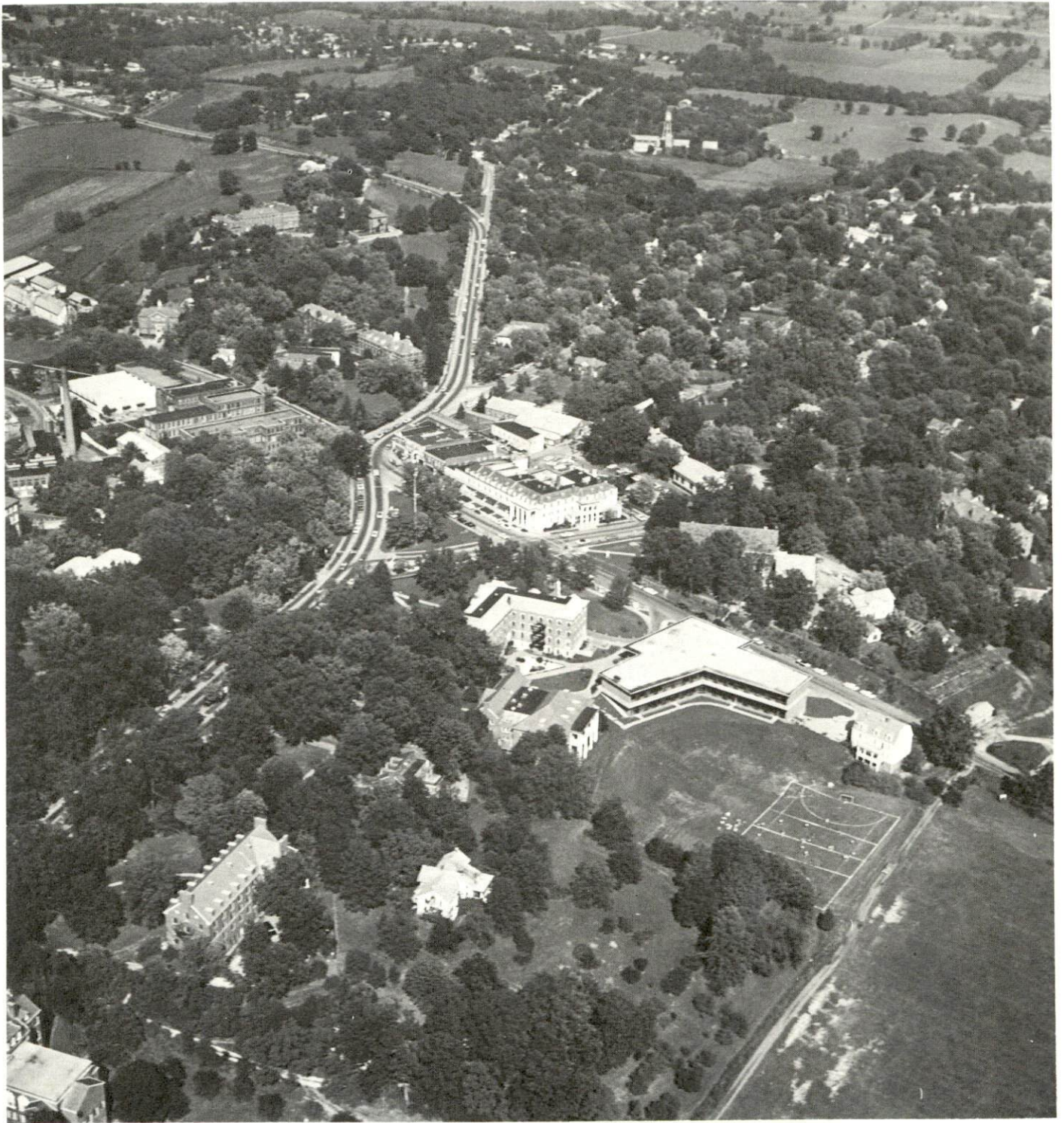
**The Berea School System also operates one pilot kindergarten unit with 38 students and will institute a second unit in the fall of 1977.

***The Model Laboratory School of the Eastern Kentucky University at Richmond is accredited by the Southern Association of Colleges and Schools.

Vocational Schools

	<u>Nearest State School</u>	<u>Nearest Area Education Center</u>
	Central Kentucky State Vocational-Technical School	Madison County Area Vocational Education Center
Location	Lexington	Richmond
Miles Distant	39	12
Curriculum	Clerical Secretarial- Stenographical Commercial Foods Cosmetology Equine Education Practical Nursing Industrial Education Auto Body Repair Auto Mechanics Drafting Electronics Graphic Arts (Printing) Industrial Electricity Machine Shop Office Machine Repair Sheet Metal Welding	Business and Office Industrial Education Auto Mechanics Drafting Machine Shop Welding

Arrangements can be made to provide training in the specific production skills required by an industrial plant. Instruction may be conducted either in the vocational school or in the industrial plant, depending upon the desired arrangement and the availability of special equipment.



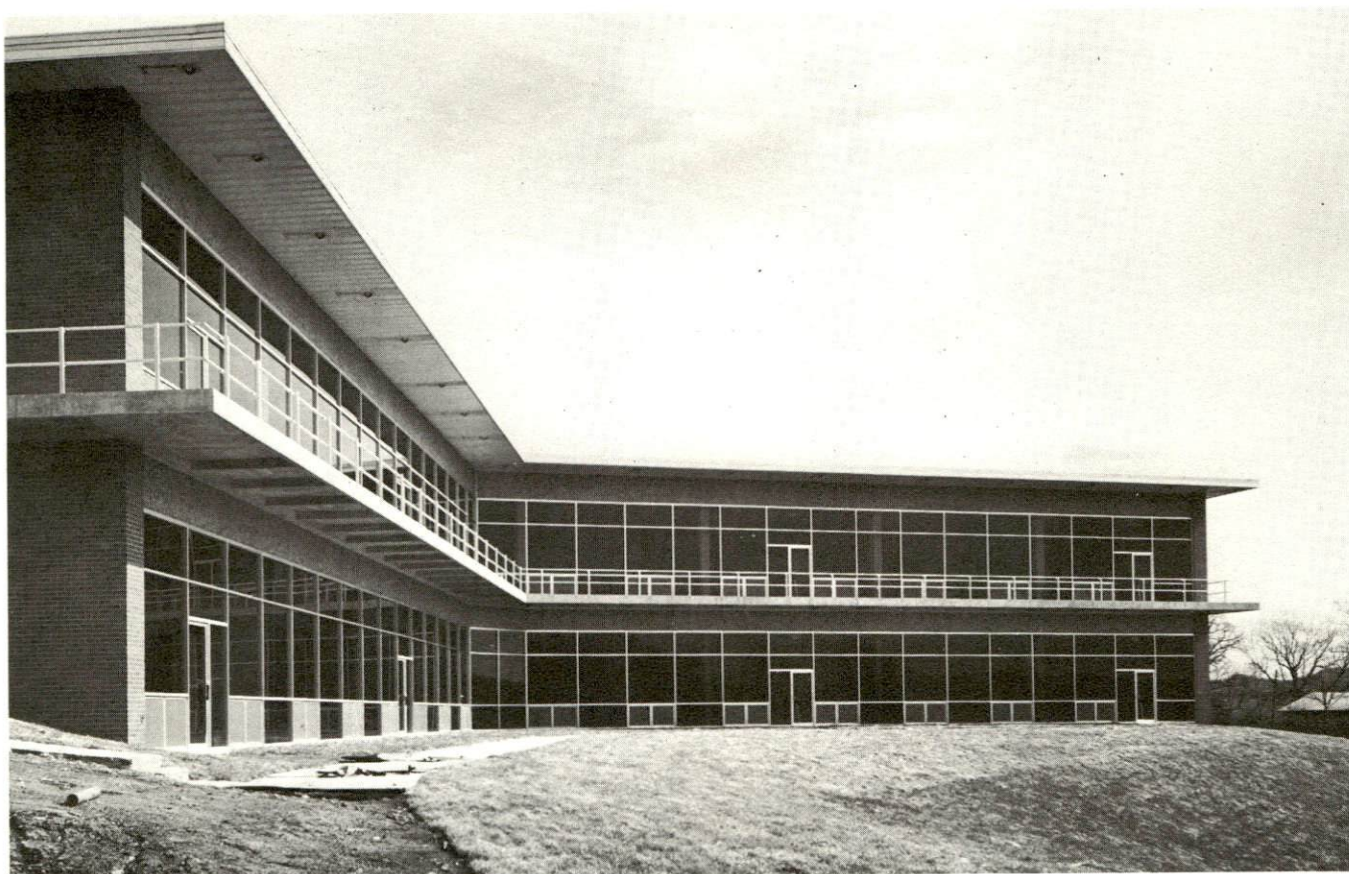
AERIAL VIEW OF BEREA COLLEGE CAMPUS
AND EAST BEREA BUSINESS DISTRICT ON U.S. 25

Area Colleges and Universities

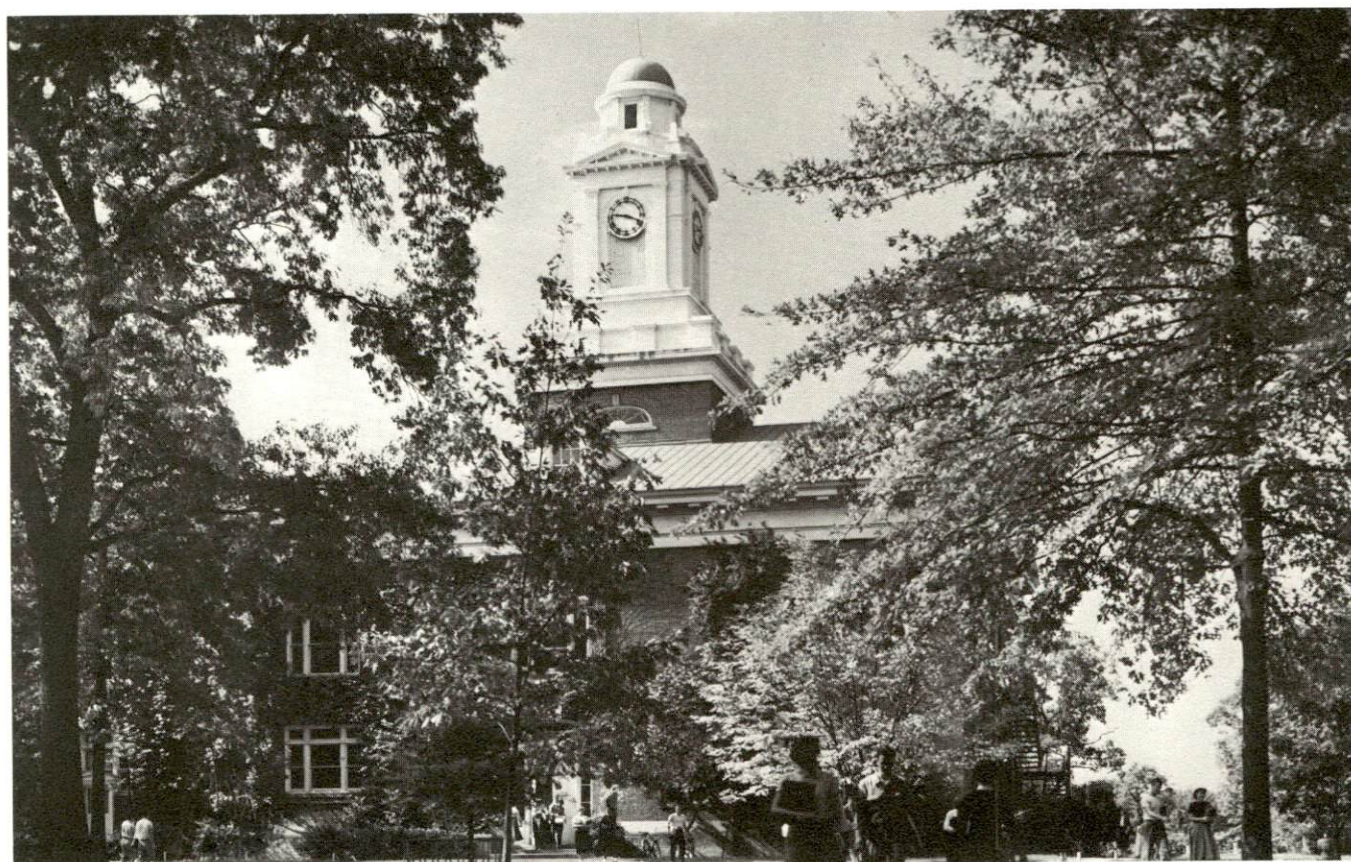
<u>Name</u>	<u>Location (Miles distant)</u>	<u>Enrollment (Fall, 1975)</u>	<u>Highest Degree Conferred</u>
Berea College	Berea	1,504	Baccalaureate
Eastern Kentucky University	Richmond (12)	13,430	Masters, Ph. D. *
Centre College	Danville (34)	775	Baccalaureate
Southeastern Christian College	Winchester (34)	91	Associate
Sue Bennett College	London (38)	211	Associate
Transylvania University	Lexington (39)	722	Masters**
University of Kentucky	Lexington (39)	22,526	Ph. D., M. D., D. M. D., J. D.
Lexington Technical Institute	Lexington (39)	1,654	Associate
Somerset Community College	Somerset (44)	776	Associate
Asbury College	Wilmore (45)	1,225	Baccalaureate

*Cooperative program with the University of Kentucky, Lexington, for a Ph.D. in education only.

**Courses in the Masters degree program are taught on the Transylvania campus by Xavier University of Cincinnati faculty members. The degree is issued by Xavier University.



BEREA COLLEGE ALUMNI MEMORIAL BUILDING



BEREA COLLEGE'S PHELPS STOKES CHAPEL



BEREA HOSPITAL, INC.

HEALTH

Local Medical Personnel

Physicians - 7

Dentists - 3

Hospitals

<u>General Hospital</u>	<u>Location</u>	<u>Beds</u>
Berea Hospital, Inc.	Berea	73 acute, 37 extended care

General hospital facilities - Operating room, intensive-coronary care unit, emergency room, laboratory, diagnostic X-ray, respiratory therapy, physiotherapy, outpatient clinic, social services, pharmacy, dietary kitchen, library

Medical staff - 34 physicians, 3 dentists, 1 licensed physical therapist, 2 physical therapy aides, 1 licensed respiratory therapist, 2 respiratory therapy aides, 1 social services worker, 1 dietitian, 2 operating room technicians, 2 operating room nurses, 5 intensive coronary care nurses, 23 registered nurses (full time), 15 registered nurses (part time), 13 licensed practical nurses, 15 nurses aides (full time), 9 nurses aides (part time), 6 ward clerks, 3 orderlies, 1 pharmacist (part time), 1 librarian (part time)

Other Medical Facilities

Comprehensive Care Center

Ambulance Service

Name - Madison County Ambulance Service

Staff - 19 full-time employees and 2 part-time employees who are certified

Emergency Medical Technicians

Service - 24-hour, county-wide

Equipment - 4 ambulances (1 in Berea, 3 in Richmond)

Nursing Homes

Number and Type of Beds

Berea Nursing Home

12 nursing home
26 intermediate care

Public Health

Facility - Madison County Health Department

Staff - 1 administrator, 5 registered nurses, 2 licensed practical nurses,
2 nursing supervisors, 1 health officer, 2 nutritionists, 5 community
health workers, 2 social workers, 3 health environmentalists, 1 medical
clinician, 4 clerks

OTHER LOCAL FACILITIES

Communications

Telephone - General Telephone Company
Services - Standard

Telegraph - Western Union
Services - Telephone to Lexington

Postal - U.S. Post Office
Class - First
Mail received - Twice daily
Mail dispatched - Twice daily

Newspapers - The Berea Citizen
Weekly and circulation - 3,000
Other papers received from - Richmond, Lexington, and Louisville,
Kentucky; Cincinnati, Ohio

Radio - WKXO-AM
Stations received from - Richmond, Renfro Valley, Lexington, and
Louisville, Kentucky; Cincinnati, Ohio

Television -
Cable service
Reception from - Lexington and Louisville, Kentucky; Cincinnati, Ohio

Kentucky Educational
Television - Lexington - Richmond transmitter-Channel 46

Library Services

Hutchins Library - Berea College*
Size collection - 210,000 volumes
Circulation, 1975-76 - 73,700
Special collections - Weatherford - Hammond Mountain Collection,
Shedd Lincoln Collection, Berea Collection, Rare Book Collection
(Curio), Children's Collection
Services - Microfilm, magazines, newspapers, records, copy machines,
reader printer

*Hutchins Library also serves as a public library for the community.

Child Care Center

A non-profit child care center provides day care for children 2 1/2 to 6 years of age. The facility can accommodate 42 children and is staffed with 4 full-time employees and 10 to 20 student assistants.

Religious Institutions

Number of churches - 14

Denominations - Baptist, Catholic, Christian, Church of Christ,
Church of God, Nazarene, Pentecostal, Union, United Methodist

Nearest Synagogues - Lexington, 39 miles distant

Congregations - Adath Israel (reform), Ohavey Zion (traditional)

Financial Institutions

<u>Banks</u>	<u>Assets</u>	<u>Deposits</u>	<u>Statement Date</u>
Berea National Bank	\$15,218,000.00	\$14,043,000.00	3/31/76
Peoples Bank and Trust Company	14,835,769.33	13,685,881.54	12/31/75

<u>Savings and Loan Associations</u>	<u>Assets</u>	<u>Shared Accounts</u>	<u>Statement Date</u>
First Federal Savings and Loan Association (branch of Richmond office)	\$25,231,272.86	\$23,487,594.33	12/31/75

Hotels and Motels

Total number - 9

Total units - 490

Clubs and Organizations

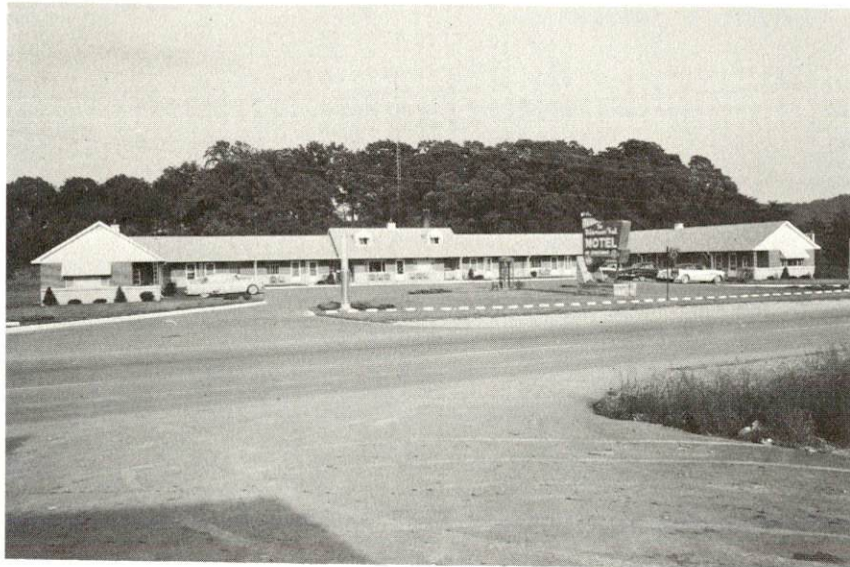
Business and Civic - Berea Chamber of Commerce, Jaycees, Kiwanis, Lions, Rotary, Berea Community Schools Boosters Club, Berea Industrial Development Corporation, Parents-Teachers Organization

Fraternal - American Legion, Masons, Shrine Club, VFW

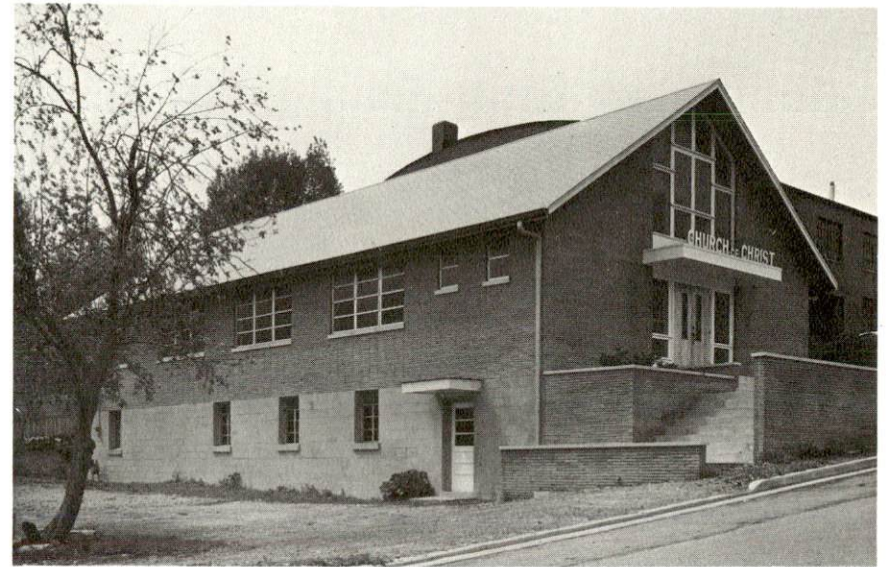
Women's - Business and Professional Women's Club, American Association of University Women, League of Women Voters, Berea Kiwanians, Berea Lioness, DAR, Progress Club, Beacon Club, Eastern Star, Woman's Club, Younger Woman's Club

Youth - Boy Scouts, Girl Scouts, Cub Scouts, Brownies, FFA, FHA, 4-H Club, Little League, Teen-Age Club, Pony League

Other - American Association of Retired People



WILDERNESS TRAIL MOTEL



CHURCH OF CHRIST



BOONE TAVERN HOTEL AND GIFT SHOP



CATHOLIC CHURCH



BEREA GOLF COURSE



BEREA NATIONAL BANK



BEREA SWIMMING POOL



SILVER CREEK ELEMENTARY SCHOOL

RECREATION

Local

The City of Berea sponsors a supervised recreation program during the summer months. Little League Baseball, Junior League Football, and basketball programs are also offered. Public recreation facilities include city parks, playgrounds, tennis courts, baseball-softball fields, a football field, and a municipal swimming pool. Private recreation facilities include a golf course, a swimming pool, a skating rink, an indoor movie theater, and a drive-in movie theater. Also available is a trailer park for overnight camping with 100 water and sewer hookups, a swimming pool, a bathhouse, and nature trails.

Berea College provides a wide range of entertainment and cultural attractions. The Appalachian Museum offers exhibits depicting the traditional lifestyle of the people of the Southern Appalachian Highlands. The Wallace Nutting Collection of Early American furniture and the Kress Study Collection of Renaissance Paintings are also on display at the college. The Berea College Student Craft Industries serves to preserve and promote the art of craftsmanship and includes the industries of woodcraft, broomcraft, fireside weaving, needlecraft, ceramics, and lapidary arts. Boone Tavern, owned by Berea College and staffed by college students, is noted for its southern charm and excellent food.

Churchill Weaver, the largest handweaving company in the country, is located in Berea. Tours are available through the loomhouse.

Special events that are held in Berea include the Kentucky Guild of Artist and Craftsmen's Fairs, the annual Mountain Folk Festival featuring folk music and dancing, and the annual Berea Mini-Festival featuring performances by the Cincinnati Symphony Pops Orchestra and the Cincinnati Ballet Company. The outdoor historical drama, "Wilderness Road," is presented each summer in Indian Fort Theatre and the Berea Community Players, a local theater group, presents several productions each year.

Area (Within 45 miles)

Berea's location at the edges of the Bluegrass Region and the Cumberland foothills places it in an area of numerous recreational facilities.

Fort Boonesborough State Park, 26 miles north of Berea on the Kentucky River, features a reproduction of the original fort built by Daniel Boone in 1775. The park provides facilities for camping, swimming, sunbathing, boating, and picnicking.

Old Fort Harrod State Park in Harrodsburg, 43 miles from Berea, is the site of a full-scale reproduction of the original pioneer fort. This 28-acre park contains a museum, a federal monument to pioneers, and a pioneer cemetery. An outdoor production of "The Legend of Daniel Boone" is presented in the park amphitheatre every summer.

Daniel Boone National Forest, approximately 18 miles from Berea, covers 1,500,000 acres of timberland in Kentucky's Eastern Region. It encompasses much of Kentucky's great beauty and provides a vacation paradise. There are scenic hiking trails, rivers and streams stocked with a variety of fish, hunting preserves, camping sites, and numerous other natural and historical attractions.

Six state shrines of historical interest in the area are:

Isaac Shelby State Shrine, near Danville - burial site of Kentucky's first governor.

Constitution Square State Shrine, in Danville - reproduction of Kentucky's first courthouse square.

William Whitley House State Shrine, near Stanford - first brick house west of the Alleghenies.

White Hall State Shrine, near Richmond - restored mansion of Cassius Marcellus Clay, early politician and abolitionist.

Waveland State Shrine, near Lexington - Greek Revival mansion containing Kentucky Life Museum, hundreds of pioneer items and Civil War Relics.

Perryville Battlefield State Shrine, near Perryville - site of the largest Civil War battle in Kentucky.

Art exhibits, drama productions, concerts, lectures, and collegiate sports are provided by Eastern Kentucky University, only 12 miles away at Richmond.

Lexington, 39 miles to the north, offers a wide variety of entertainment, cultural and sporting events. Excellent thoroughbred and harness racing is available at Keeneland Race Course and Red Mile Trotting Track at several meets each year. Other attractions offered in Lexington include concerts by the Lexington Philharmonic, lecture series, art exhibitions, theater productions, and intercollegiate sporting events.

COMMUNITY IMPROVEMENTS

Industrial and Commercial

Dresser Industries, a manufacturer of pressure gauges, completed an expansion project and increased employment by approximately thirty percent.

Goodyear Aerospace Corporation announced plans to expand its facilities.

Boone Square, a new shopping center, houses a supermarket, a drugstore, and a general merchandising store. Five additional stores will be constructed at the shopping center at a cost of \$600,000. There are tentative plans for the construction of another shopping center to be located on the west end of town.

A new building for the Peoples Bank and Trust Company was dedicated in July, 1976.

The First Federal Savings and Loan Association of Richmond opened a branch office in Berea.

In the past two years approximately 55 building permits were issued for the construction of new businesses.

Utilities

The Owsley Fork Reservoir has been constructed as part of the Red Lick Watershed District. This reservoir contains 151 acres of water and is available as a future water supply for the city.

The Berea College Water Utility is upgrading the small water mains to improve fire protection service.

The Southern Madison Water District is installing approximately 8,000 feet of additional 4-inch water line.

A 201 Facilities Plan is being conducted to make an inflow-infiltration study of the municipal sewerage system. In addition, the Berea Sewer Commission has ordered the equipment for the expansion of a main pump station.

Transportation

A new airport, which is a joint effort of Berea, Richmond, and Madison County, is in the final planning stages. The airport will have a 4,000-foot paved runway with landing capacity for planes up to 30,000 pounds, lights, a taxiway, an apron, and an access road.

Public Safety

The Berea Fire Department purchased a new aerial ladder truck. Bids have been let for the construction of a fire substation on Glades Road which is scheduled for completion by December, 1976.

The Berea Police Department has instituted an Operation Identification program and has purchased a new police cruiser, four walkie-talkies, and radar equipment.

Health

Berea Hospital, Inc., added a four-bed coronary care unit to its facilities. An office building for three physicians is under construction on the hospital grounds.

A branch office of the Comprehensive Care Center opened in Berea.

Education

Construction projects which have been completed by the Berea Independent School District include the Berea Board of Education Office and Art Building, a security department, new restrooms and a concession stand at the football stadium, and a pilot kindergarten facility. A second kindergarten facility will open in the fall of 1977. In addition, the Berea Community School has completed accreditation with the Southern Association of Colleges and Schools, added a complete student transportation system, and developed a comprehensive educational television studio. There are plans for a \$1.5 million academic and athletic facility to be constructed within the next five years.

The Madison County School System is constructing a new middle school at Berea which is scheduled to open in the fall of 1977.

Recreation

A new playground and a gazebo have been constructed adjacent to the Berea Community School. A new lake and nature study area have been developed for school and community use.

HISTORY

Madison County was the seventh county formed in Kentucky. Dating from 1785, it was taken from Lincoln County and later gave land to help form Garrard, Nicholas, Clay, Estill, Rockcastle, and Jackson Counties. The largest of the Bluegrass counties - with 446 square miles of territory - it was named for James Madison, who was the fourth President of the United States and the "Father of the Constitution."

The Kentucky River flows along a portion of the eastern side of Madison County and forms all of its northern boundary. Paint Lick Creek forms its western line. The county's surface is gently rolling in the western half, but becomes hilly and rough in the eastern section. Its soil ranges from fertile in the west to thin on the hills and knobs. Some tracts of timber are located throughout the county.

Berea owes its beginning to reform movements of the last century. Reverend John G. Fee, an ardent opponent of slavery, attracted the attention of Cassius M. Clay, a leader in the movement for gradual emancipation. Mr. Clay encouraged Reverend Fee to establish a settlement on the edge of the mountains where free speech could be maintained. The settlement was established in 1853 and in 1855 the community built a one-room district school with Reverend Fee as a trustee. Under his direction, two pre-ministerial Oberlin College students taught this school.

In 1858 the Reverend J.A.R. Rogers was added to the preaching mission and because of his great skill as a teacher, his subscription school at once became very popular. Reverend Fee urged the establishment of a higher school. The first articles of incorporation of Berea College were adopted in July 1859, but because of interruptions resulting from the Civil War, they were not recorded at the county seat until April 5, 1866. From these early efforts grew the college and town of Berea. Berea was named after a town mentioned in the Bible, where men were open-minded. The formal government of the city of Berea originated in the year 1890 as a result of an act of the General Assembly to incorporate it.

The estimated population of Berea in 1973 was 7,071.

In 1790, Madison County had a population of 5,772. This grew steadily to 31,179 in 1950, 33,482 in 1960, and 42,730 in 1970. The 1975 county population was estimated to be 47,400.

Madison County's early history shows many peaceful, prosperous days. By 1870, the great business of the county had gradually settled into stock raising, while the production of hemp, which was once a leading crop, had almost ceased. In 1870, Madison was the second largest cattle producing county in the state, the fifth in hogs, and the fourth in corn production. Agriculture accounted for 1,680 of the total number of Madison County residents employed in 1974.

While agriculture remains important, present-day Madison County is emerging as an industrial area and an education center. Manufacturing employers in the county reported 4,010 workers in 1974. Largest of the county's firms are Westinghouse Electric Corporation, which produces miniature electric light bulbs; Parker Seal Company, which makes rubber "O" rings; Dresser Industries, which manufactures pressure gauges; Gibson Greeting Card Company, which makes candles; Keller Industries, Inc., which produces aluminum window units, patio doors, and aluminum extrusion; Berea College Industries, which makes furniture, wooden games, and fireside brooms; Robinson Tool & Die, Inc., which produces metal stampings, tools, and dies; Okonite, which manufactures insulated cable; and Exide Division of ESB, manufacturer of industrial batteries.